

Castrads®

Declaration of Performance

No. 202009-1087

Grace 4 Column 660mm

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|--|--|
| Unique product code: | CI-G4C-660 |
| Type, batch or serial number: | CI-G4C-660 |
| Intended use of the construction product: | In heating systems in buildings |
| Manufacturer: | Castrads Ltd 1 Kenwood Road North Reddish SK5 6PH, Manchester, United Kingdom |
| System of AVCP: | System 3 |
| Harmonized standard: | EN 442-1:2014 |
| Notified body: | BSRIA |
| Test report number: | 101885/2 |

Declared performance

| Essential characteristics | Performance | Harmonised technical specification |
|---|--|------------------------------------|
| Reaction to fire | A1 | |
| Release of dangerous substances | None | |
| Pressure tightness | No leakage at 1.3 x maximum operating pressure [kPa] | |
| Surface temperature | Maximum 120°C | |
| Resistance to pressure | No breakage at 1.69 x maximum operating pressure [kPa] Maximum operating pressure: 1000 [kPa] | EN 442-1:2014 |
| Rated thermal outputs | See appendix 1 | |
| Thermal output in different operating conditions (characteristic curve) | $\phi = K_m \cdot \Delta T^n$. See appendix for factor K_m and exponent n | |
| Resistance against corrosion | No corrosion after 100h humidity | |
| Resistance against minor impact: | Class 0 | |

Signed for and on behalf of the manufacturer by:

Nicholas Baylis
CEO
Stockport, England
30th April 2026





Appendix to DOP No. 202009-1087: Dimensions and thermal outputs

Panel dimensions: 650mm high when floor standing, 175mm deep for all numbers of sections. See table for length.

| SKU | Num of sec. | Length, mm | Output (Watts, DT50) | Output (Watts, DT30) | Factor, Km | Exponent, n |
|---------------|-------------|------------|----------------------|----------------------|------------|-------------|
| CI-G4C-660-03 | 3 | 212 | 256 | 135 | 1.894 | 1.2541 |
| CI-G4C-660-04 | 4 | 272 | 341 | 180 | 2.526 | 1.2541 |
| CI-G4C-660-05 | 5 | 333 | 427 | 225 | 3.157 | 1.2541 |
| CI-G4C-660-06 | 6 | 393 | 512 | 270 | 3.788 | 1.2541 |
| CI-G4C-660-07 | 7 | 454 | 597 | 315 | 4.420 | 1.2541 |
| CI-G4C-660-08 | 8 | 514 | 682 | 360 | 5.051 | 1.2541 |
| CI-G4C-660-09 | 9 | 575 | 768 | 405 | 5.683 | 1.2541 |
| CI-G4C-660-10 | 10 | 635 | 853 | 450 | 6.314 | 1.2541 |
| CI-G4C-660-11 | 11 | 696 | 938 | 494 | 6.945 | 1.2541 |
| CI-G4C-660-12 | 12 | 756 | 1024 | 539 | 7.577 | 1.2541 |
| CI-G4C-660-13 | 13 | 817 | 1109 | 584 | 8.208 | 1.2541 |
| CI-G4C-660-14 | 14 | 877 | 1194 | 629 | 8.839 | 1.2541 |
| CI-G4C-660-15 | 15 | 938 | 1280 | 674 | 9.471 | 1.2541 |
| CI-G4C-660-16 | 16 | 998 | 1365 | 719 | 10.102 | 1.2541 |
| CI-G4C-660-17 | 17 | 1059 | 1450 | 764 | 10.734 | 1.2541 |
| CI-G4C-660-18 | 18 | 1119 | 1535 | 809 | 11.365 | 1.2541 |
| CI-G4C-660-19 | 19 | 1180 | 1621 | 854 | 11.996 | 1.2541 |
| CI-G4C-660-20 | 20 | 1240 | 1706 | 899 | 12.628 | 1.2541 |
| CI-G4C-660-21 | 21 | 1301 | 1791 | 944 | 13.259 | 1.2541 |
| CI-G4C-660-22 | 22 | 1361 | 1877 | 989 | 13.891 | 1.2541 |
| CI-G4C-660-23 | 23 | 1422 | 1962 | 1034 | 14.522 | 1.2541 |
| CI-G4C-660-24 | 24 | 1482 | 2047 | 1079 | 15.153 | 1.2541 |
| CI-G4C-660-25 | 25 | 1543 | 2133 | 1124 | 15.785 | 1.2541 |
| CI-G4C-660-26 | 26 | 1603 | 2218 | 1169 | 16.416 | 1.2541 |
| CI-G4C-660-27 | 27 | 1664 | 2303 | 1214 | 17.048 | 1.2541 |
| CI-G4C-660-28 | 28 | 1724 | 2389 | 1259 | 17.679 | 1.2541 |
| CI-G4C-660-29 | 29 | 1785 | 2474 | 1304 | 18.310 | 1.2541 |
| CI-G4C-660-30 | 30 | 1845 | 2559 | 1349 | 18.942 | 1.2541 |
| CI-G4C-660-31 | 31 | 1906 | 2644 | 1394 | 19.573 | 1.2541 |
| CI-G4C-660-32 | 32 | 1966 | 2730 | 1438 | 20.204 | 1.2541 |
| CI-G4C-660-33 | 33 | 2027 | 2815 | 1483 | 20.836 | 1.2541 |
| CI-G4C-660-34 | 34 | 2087 | 2900 | 1528 | 21.467 | 1.2541 |
| CI-G4C-660-35 | 35 | 2148 | 2986 | 1573 | 22.099 | 1.2541 |
| CI-G4C-660-36 | 36 | 2208 | 3071 | 1618 | 22.730 | 1.2541 |
| CI-G4C-660-37 | 37 | 2269 | 3156 | 1663 | 23.361 | 1.2541 |
| CI-G4C-660-38 | 38 | 2329 | 3242 | 1708 | 23.993 | 1.2541 |
| CI-G4C-660-39 | 39 | 2390 | 3327 | 1753 | 24.624 | 1.2541 |
| CI-G4C-660-40 | 40 | 2450 | 3412 | 1798 | 25.256 | 1.2541 |